

Claims

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2 1. Assembly for a hydraulic dashpot accommodated in an
3 overall housing (1) and provided with two pistons, specifically a
4 shock absorbing piston (3) traveling back and forth inside the
5 housing on one end of a piston rod (2) and partitioning the
6 housing into two compartments (19 & 23), and a vibration-
7 compensating piston (11) hydraulically paralleling the first
8 piston and accommodated inside a subsidiary housing (10),
9 characterized in that the vibration-compensating piston is an
10 annular piston (11), and travels back and forth with its inner
11 surface resting against a section (9) of the piston rod adjacent
12 to the fastening for the shock-absorbing piston, and with its
13 outer surface against the inner surface of the subsidiary
14 housing.

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16 2. Assembly as in Claim 1, characterized in that the
17 section (9) is thinner than the rest of the piston rod (2).

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19 3. Assembly as in Claim 1 or 2, characterized in that the
20 annular piston (11) is provided with loosely sliding rings (28)
21 that match its inner or outer circumference.

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23 4. Assembly as in Claim 3, characterized in that the
24 rings (28) rest tight against the thinner section (9) of the
25 piston rod (2), and/or against a bore extending through the
26 overall housing (1).

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5. Assembly as in one or more of Claims 1 through 4, characterized in that the bases of the subsidiary housing (10) are provided with central openings that allow it to be slid over the thinner section (9) of the piston rod (2).

6. Assembly as in Claim 5, characterized by seals (12 & 13) between the openings through the subsidiary housing (10) and the thinner section (9) of the piston rod (2).

7. Assembly as in Claim 6, characterized in that the seals (12 & 13) are provided with flanges that radially overlap the upper and lower surfaces of the subsidiary housing (10).